



7/23

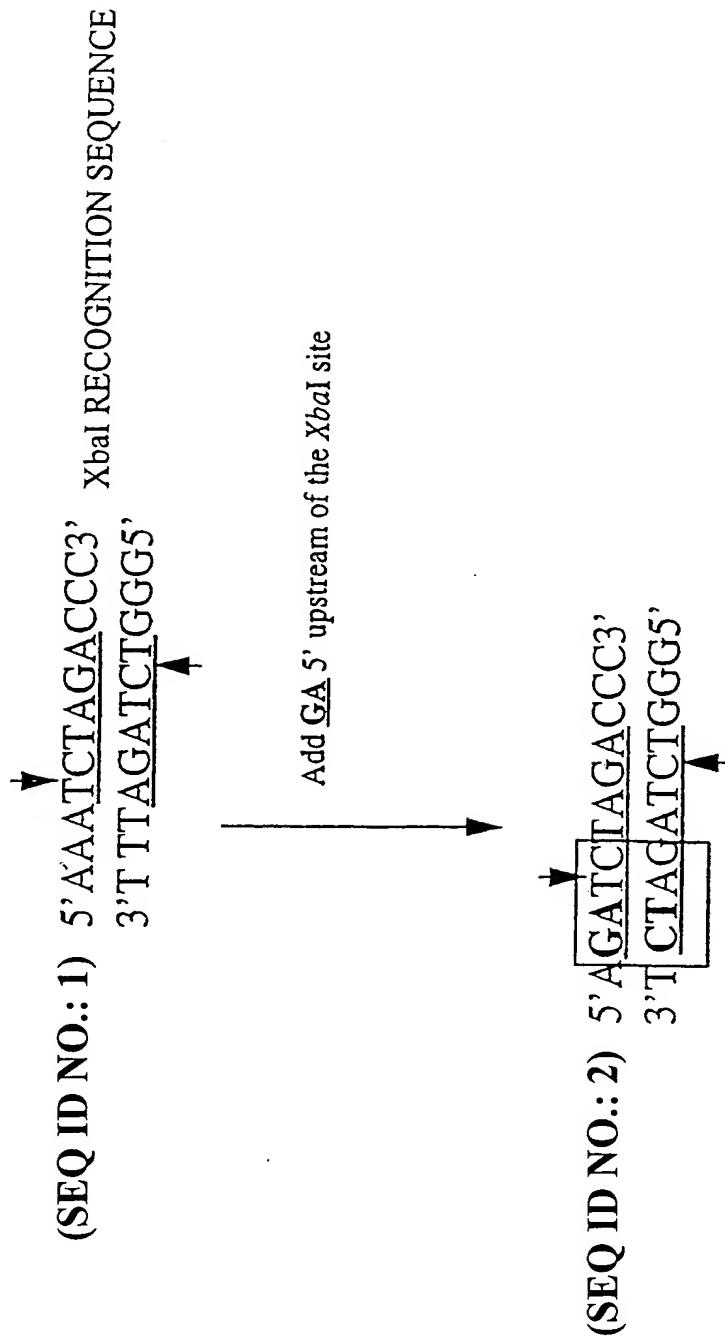


FIG.6.



14/23

S.I. 1 MAGTDREKALDAALAQIERQFGKGAVMRMGDRTNEPIEVIPTGSTALDVA 50
||| ||| ||| ||| ||| ||| ||| ||| . ||| ||| ||| |||
S.a. 1 MAGTDREKALDAALAQIERQFGKGAVMRMGDRSKEPIEVIPTGSTALDVA 50
51 LGVGGIPRGRVVEVYGPESSGKTTLTLHAVANAQKAGGQVAFVDAEHALD 100
||| : ||| : ||| ||| ||| ||| ||| ||| ||| |||
51 LGVGGIPRGRVIEVYGPESSGKTTLTLHAVANAQKAGGQVAFVDAEHALD 100
101 PEYAKKLGVIDNLILSQPDNGEQALEIVDMLVRSGALDLIVIDSVAALV 150
||| . ||| ||| ||| ||| ||| ||| ||| |||
101 PEYAKKLGVIDNLILSQPDNGEQALEIVDMLVRSGALDLIVIDSVAALV 150
151 PRAEIEGEMGDSHVGLQARLMSQALRKITSALNQSKTTAIFINQLREKIG 200
||| ||| ||| ||| ||| ||| ||| |||
151 PRAEIEGEMGDSHVGLQARLMSQALRKITSALNQSKTTAIFINQLREKIG 200
201 VMFGSPETTGGRALKFYASVRLDIRRIETLKDGTDAVGNRTRVKVVKNK 250
||| ||| ||| ||| ||| ||| ||| |||
201 VMFGSPETTGGRALKFYASVRLDIRRIETLKDGTDAVGNRTRVKVVKNK 250
251 VAPPFKQAEFDILYQQGISREGGLIDMGVENGFVRKAGAWTYEGDQLGQ 300
||| ||| ||| ||| ||| ||| . ||| ||| |||
251 VAPPFKQAEFDILYQQGISREGGLIDMGVEHGFVRKAGAWTYEGDQLGQ 300
301 GKENARNFLKDNPDLANEIEKKIKQKLGVGVHPEE. SATEPGADAASAAP 349
||| ||| ||| ||| : ||| ||| ||| . ||| |||
301 GKENARNFLKDNPDLANEIEKKIKEKLGVGVRPEEPTATESGPDAAT... 347
350 ADAAAPAVPAPTTAKATKSAAAAKS 374 (SEQ ID NO.: 3)
| : . ||| ||| ||| . ||| |||
348 AESAPAVPAPATAKVTAKAAAAKS 372 (SEQ ID NO.: 4)

FIG. 13.



15/23

S.l. 1 ATGGCAGGAACCGACCGCGAGAAGGCCCTGGACGCCGCGCTCGCACAGAT 50
S.a. 1 ATGGCAGGAACCGACCGCGAGAAGGCCCTGGACGCCGCGCTCGCACAGAT 50
51 TGAACGGCAATTGGCAAGGGCGCGGTATGGCATGGGTGACCGGACCA 100
51 TGAACGGCAATTGGCAAGGGCGCGGTATGGCATGGGTGACCGGACCA 100
101 ACGAGCCCATCGAGGTATCCCACCGGGCTACCGCGCTCGACGTGGCC 150
101 AGGAGCCCATCGAGGTATCCCACCGGGCTACCGCGCTCGACGTGGCC 150
151 CTCGGCGTCGGAGGCATCCCGCGTGGCGTGTGGAGGTCTACGGCCC 200
151 CTCGGCGTCGGCGGCCCTGCCGCGCGCGTATCGAGGTCTACGGTCC 200
201 CGAGTCCTCCGGTAAGACGACCCCTGACCCCTGACGCCGTTGGCGAACCGC 250
201 GGAGTCCTCCGGTAAGACGACCCCTGACCCCTGACGCCGTTGGCGAACCGC 250
251 AGAAGGCCGGCCAGGTGCGTTGGACGCCGAGCACGCCCTCGAC 300
251 AGAAGGCCGGCCAGGTGCGTTGGACGCCGAGCACGCCCTCGAC 300
301 CCCGAGTACCGAAGAAGCTCGGTGTCGACATCGACAAACCTGATCCTGTC 350
301 CCCGAGTACCGCCAGAAGCTCGGTGTCGACATCGACAAACCTGATCCTGTC 350
351 CCAGCCGGACAACGGTGAGCAGGCCCTGGAGATCGTGGACATGCTGGTCC 400
351 CCAGCCGGACAACGGTGAGCAGGCCCTGGAGATCGTGGACATGCTGGTCC 400
401 GCTCCGGCGCCCTCGACCTCATCGTACCGACTCCGCGCGCTCGTC 450
401 GCTCCGGCGCCCTCGACCTCATCGTACCGACTCCGCGCGCTCGTC 450
451 CCGCGCGCGGAGATCGAGGGCGAGATGGCGACAGCCACGTCGGCTGCA 500
451 CCGCGCGCGGAGATCGAGGGCGAGATGGGTGACAGCCACGTCGGCTCCA 500
501 GGCCCGGCTGATGAGCCAGGCCCTGGAAAGATCACCAGCGCGCTAAC 550 (SEQ ID NO.: 5)
501 GGCCCGGCTGATGAGCCAGGCCCTGGAAAGATCACCAGCGCGCTAAC 550 (SEQ ID NO.: 6)

FIG.14.A.



16/23

S.1. 551 AGTCCAAGACCACCGCGATTTCATCAACCAGCTCCCGAGAAGATCGGC 600
|||||||
S.a. 551 AGTCCAAGACCACCGCGATTTCATCAACCAGCTCCCGAGAAGATCGGC 600
601 GTGATGTTCGGCTCCCCGGAGACCACCGACCGGTGCCGGGACTGAAGTT 650
|||
601 GTCATGTTGGCTCCCCGGAGACCACGACCGGGTGCCGGGCTCAAGTT 650
651 CTACGCCCTCGGTGCGACTCGACATCCGGCTATCGAGACGCTGAAGGACG 700
|||
651 CTACGCCCTCGGTGCGACTCGACATCCGACGCATCGAGACGCTCAAGGACG 700
701 GCACCGACGCCGGTGGCAACCGCACCCCGCTCAAGGTGGTCAAGAACAAAG 750
|||
701 GCACCGACGCCGGTGGCAACCGCACGCCGTCAAGGTGGTCAAGAACAAAG 750
751 GTCGGCCGCCCTTCAAGCAGGCCAGTTGACATCCTCTACGGCCAGGG 800
|||
751 GTCGGCCGCCCTTCAAGCAGGCCAGTTGACATCCTCTACGGCCAGGG 800
801 CATCAGCCCGAGGGCGGTCTGATCGACATGGCGTGGAGAACGGCTTCG 850
|||
801 CATCAGCCCGAGGGCGGCCTGATCGACATGGCGTGGAGCACGGCTTCG 850
851 TCCGCAAGGCCGGCGCCTGGTACACGTACGGCGACAGCTCGTCAG 900
|||
851 TCCGCAAGGCCGGCGCCTGGTACACGTACGGCGACAGCTCGGCCAG 900
901 GGCAAGGAGAACCGCGCGAACCTCCTGAAGGACAACCCGACCTGGCAA 950
|||
901 GGCAAGGAGAACCGCGCGAACCTCCTGAAGGACAACCCGACCTCGCCAA 950
951 CGAGATCGAGAAGAAGATCAAGCAGAAGCTGGCGTGGCGTGCACCCG 1000
|||
951 CGAGATCGAGAAGAAGATCAAGGAGAACGGCTGGCGTGGAGTCCGTCCCG 1000
1001 AGGA...GTCGGCCACCGAGCCCGGCGCGGACGCCGCTCCGCCGCCCCG 1047
|||
1001 AGGAGCCGACGCCACCGAGTCCGGACCGA.....CGCCGCGACG 1041
1048 GCCGACGCCGACCCGGCGGTGCCGCACCCACGACGCCAGGCCACCAA 1097
|||
1042 GCCGAATCCGCACCGCGGGTGCCCGCGCCCGACGCCAGGTCACCAA 1091
1098 GTCCAAGGCCGGCAGCCAAGAGCTGA 1125 (SEQ ID NO.: 5)
|||
1092 GGCCAAGGCCGGCAGCCAAGAGCTGA 1119 (SEQ ID NO.: 6)

FIG.14.B.